

ACCESSION NR: AP4036979

S/0065/64/000/005/0023/0029

AUTHOR: Vol'-Epshteyn, A. B.; Zabryanskiy, Ye. I.; Krichko, A. A.; Lesokhina, G. F.; Malyavinskiy, L. V.; Mukhina, T. N.; Robert, Yu. A.

TITLE: Production and motor properties of gasolines from pyrolysis products

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 5, 1964, 23-29

TOPIC TAGS: gasoline, production, motor property, octane number, pyrolysis resin, pyrocondensate, low pressure hydrogenation, high octane gasoline, aluminum cobalt molybdenum catalyst, monoolefin, antidetonation property, octane rating

ABSTRACT: Conditions were developed for the low pressure hydrogenation of fractions of pyrolysis resins and pyrocondensates to obtain high octane gasolines. Pyrolysis resins of the ethylene system and pyrocondensates of the butylene-divinyl system, boiling up to 200 C, were hydrogenated at 10-40 atmospheres at a space velocity of 1.6-8.5 hr⁻¹ in the presence of a technical aluminum-cobalt-molybdenum catalyst using a hydrogen:crude oil volume ratio of 500-800:1. In the hydrogenation of the pyrolysis resins at 40 atm. from 225-300C it was found that 235C was optimum: 75% of the dienes were hydrogenated to monoolefins; at higher temperatures the

Card

1/3

I 2155R-66 FWT(m)/T / DJ/WE
ACC NR: AP6009552

SOURCE CODE: UR/0413/66/000/005/0099/0099

INVENTOR: Aronov, D. M.; Robert, Yu. A.; Zabryanskiy, Ye. I.; Malyavinskiy, L. V.;
Grebenshchikov, V. P.

ORG: none

TITLE: Test method for fuels and oils. Class 46, No. 179555 [announced by the All-Union Scientific Research Institute for Oil and Gas Refining and the Production of Synthetic Liquid Fuel (Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gaza i polucheniya iskusstvennogo zhidkogo topliva)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 99

TOPIC TAGS: test method, ignition, surface ignition, knock, glowing deposit, fuel, lubricating oil

ABSTRACT: An Author Certificate has been issued for a test method for fuels and oils. The method involves allowing the build up of carbon deposits in the engine combustion chamber, and weighing them. In addition, the surface-ignition tendency of the fuels and oils due to glowing deposits is determined by operating the engine or benzene to burn off the deposit. The number of cycles with glowing deposit-induced surface ignition is recorded. The so-called "glow number" is calculated as the ratio of the number of such surface-ignition cycles for the sample and for a standard carbon depositing fuel.

[SM]

SUB CODE: 11, 21/ SUBM DATE: 04Feb65/ ATD PRESS: 4219
Card 1/1 ULC

UDC: 621.43-63

GUREYEV, A.A.; ARONOV, D.M.; MALYAVINSKIY, I.V.; ZARUBIN, A.P.; SUBBOTIN, A.P.

Effect of climatic conditions in operating motor vehicle engines
on their requirements in regard to the knock rating of gasolines.
Avt.prom. 31 no.5:7-10 My '65. (MIRA 18:5)

KRICHKO, A.A.; Malyavinskiy, L.V.; MEZHLANOVA, A.I.; PAL'CHIKOV, G.F.;
SKOVRONEK, B.K.; STEPURO, S.I.

Obtaining dearomatized catalytic-cracking gas oil and motor fuels for it.
Nefteper. i neftekhim. no.3:12-14 '65. (MIRA 18:8)

1. Institut goryuchikh iskopayemykh, Gornoneftekhimzavody i
Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva.

ARONOV, D.M., kand. tekhn. nauk; MALYAVINSKIY, L.V., inzh.

Knock rigidity of engines and the response of fuels. Eksplo-tekhn.
avoids. i prim. avt. top. smaz mat. i spetszhid. no. 3-1977 1977

Antiknock qualities of gasolines for new motor-vehicle engines.
Ibid.:41-48

(MIRA 17:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900013-6



MALYAVINSKIY L.V.

11(4)

PHASE I BOOK EXPLOITATION

SOV/1319

Akademiya nauk SSSR. Bashkirskiy filial

Khimiya serya-organicheskikh soedineniy, odershashchikhsya v neftnykh i nefteproduktakh; materialy II nauchnoy sessii (Chemistry of Sulfur-Organic Compounds Contained in Petroleum Products; Papers of the 2nd Scientific Session) v. 1. Ufa, Izd. Bashkirskogo filiala AN SSSR, 1958. 228 p. 1,500 copies printed.

Ed.: Sudarkina, K.I.; Editorial Board: Ayrazov, B.R., Mashkina, A.V., Obolentsev, R.D. (Resp. Ed.), Rozhdetsvenskiy, V.P., and Shanin, L.L.; Tech. Ed.: Rakhimov, R. Sh.

PURPOSE: This book is intended for petroleum specialists of scientific research establishments, educational institutions, and petroleum refining plants.

COVERAGE: This collection is the first of a multivolume publication on the results of scientific research work carried out in the Soviet Union on the chemistry and technology of sulfur- and nitrogen-organic compounds during the period 1954-1955; and according to a coordinated research project outlined in 1956 by the sponsoring agency (Bashkir Branch, AN USSR).

Card 1/13

Malyavinskiy, L.V., and I.A. Chernov. Influence of the Copper Content in Fuel on the Performance of Motors

166

Automobile gasolines and diesel fuels obtained from sulfurous petroleum of high sulfur content were found to hinder motor performance. Data are plotted.

Neft. khoz., v.33, no.4, 56-61, Ap 1955

AID P - 2100

Card 2/2 Pub. 78 - 13/14

non-stop driving work under conditions that correspond
more nearly to "engine" test conditions. Tables,
charts.

Institution: None

Submitted : No date

MALYAVINSKIY, L. V.

AID P - 2100

Subject : USSR/Chemistry

Card 1/2 Pub. 78 - 13/24

Authors : Zabryanskiy, Ye. I. and Malyavinskiy, L. V.

Title : Determination of the detonation stability of gasoline by the "research" method

Periodical: Neft. khoz., v.33, no.4, 56-61, Ap 1955

Abstract : The author outlines the two methods of testing the detonation characteristics of gasoline, the "engine" and the "research" methods. "Research" testing is applied at lower engine revolutions, lower gas-air temperature on entering the cylinder chamber, and with a constant time-lead of ignition not depending upon the pressure of the ignited mixture. The work of a light automobile engine in city traffic conditions corresponds better to conditions applied in the "research" method, whereas heavy truck engines in long-distance

MAIYAVINSKY, L.V.

1911. DE IGNITION TESTS BY MOTOR VEHICLE LABORATORY. Alcohol, Date,
Zacharenko, L.V. and Belyavskiy, L.V. (USSR, Lab. Dir., Pres. Lab.
Moscow, Russia, 1955, 111, 200-07). Laboratory and field tests are
conducted with gasoline having the same octane number in the
standard tests. They behave differently under different conditions according to
their chemical composition.

4
gnb
207

ZHIL'TSOV, V.R.; ZELENOV, A.F.; KOKIN, A.G.; KOLOSOV, V.A.;
KOROBITSYN, M.D.; MALYAVINSKIY, A.M.; NEFEDOV, Ya.D.;
PAVLOV, A.V.; STEPANOV, Yu.A., prof.; SUVOROV, V.G.;
YUSHIN, S.I.; POCHTAREV, N.F., kand. tekhn. nauk, inzh.-
polkovnik, red.; KUZ'MIN, I.F., tekhn. red.

[Internal combustion engines; design and performance] Dviga-
teli vnutrennego sgorania; ustroistvo i rabota. [By] V.R.
Zhil'tsov i dr. Pod red. IU.A.Stepanova. Moskva, Voen. izd-vo
M-va obor. SSSR, 1955. 470 p. (MIRA 16:6)
(Internal combustion engines)

L 55346-65

ACCESSION NR: AT5014626

2) the speed is higher than in magnetic amplifiers and may be raised up to 100-200 Kc; 3) switching is very simple and permits the joining of a large number of parametric null elements (perturbation due to nonselected or semiselected cores are absent); 4) the output signal is generated on half the frequency relative to the power supply; this frequency is not within the frequency spectrum obtained during the pumping of the nonlinear element and can be easily separated; and 5) high intensity of the output signal and its significant purity make it possible to work with no further amplifier (or with a very simple one). Orig. art. has: 5 figures.

ASSOCIATION: None

SUBMITTED: 28Dec64

NO REF SOV: 001

ENCL: 00

SUB CODE: DP

OTHER: 000

Card 2/2

5 23345-82 EWP(1)/EWD-2/EWP(1) Pg-4/Pg-7/Pk-3 IJR(s) BB/GG/G8
 ACCESSION NR: BT5014526 UR/0000/65/000/000/0079/0081
 681.142.324

AUTHOR: Pel'dman, B. Ya.; Strashun, Yu. P.; Malvavica, R. M.

TITLE: Magnetic parametric null-element

SOURCE: Vsesoyuznoye soveshchaniya po magnitnym elementam avtomatiki i vychisli-
tel'noy tekhniki, 9th, Yerevan, 1963. Magnitnyye analogovyye elementy (Magnetic
 analog elements); doklady soveshchaniya. Moscow, Izd-vo Nauka, 1965, 79-81

TOPIC TAGS: parametric null element, high speed null element, high output null
 element, magnetic null element

ABSTRACT: Current data elements are widely used in systems linking various opera-
 ting objects with computers. The AUS (Aggregate Unified System) standardizes
 the current scale to a maximum value of 5 mA and this, in turn, demands the de-
 sign of highly reliable and sensitive magnetic null-elements. In this paper,
 the authors designed and described a parametron-based magnetic null-element in
 which: 1) the sensitivity is somewhat smaller than that of null-elements con-
 sisting of magnetic amplifiers with second harmonic output and auxiliary reso-
 nant amplifiers (the Q-factor of which, however, limits the speed of the element);

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900013-6

[Gamma-method for density measurements] Gamma-metod izme-
renia plotnosti. Moskva, Atomizdat, 1965. 201 p.
(MIRA 18:8)

1 52146-65 EWP(1)/EED-2/EWP(1) Pg-4/Pg-4/Pr-4 IJR(c) BB/00/08
ACCESSION NR: BT5014626 OR/0000/65/000/000/0079/0081
681.142.324

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900013-6

YUROVOY, L.N., kand. fiz.-mat. nauk, red.; MALYAVINA, O.M., red.

[Some aspects of the physics and technology of nuclear reactors] Nekotorye voprosy fiziki i tekhniki yadernykh reaktorov; sbornik statei. Pod red. L.N. Yurovoi. Moskva, Atomizdat, 1965. 152 p. (MIRA 18:30)

1. Moscow. Inzhenerno-fizicheskly institut.

MARCHUK, G.I.; KOCHERGIN, V.P.; NEVINITSIA, A.I.; UZNADZE, O.P.;
MALYAVINA, O.M., red.

[Critical parameters of homogeneous breeder systems] Kri-
ticheskie parametry gomogennykh razmnozhalushchikh sistem.
Moskva, Atomizdat, 1965. 142 p. (MIRA 18:12)

MAL'TSEV, Yelisey Dmitriyevich; MALYAVINA, O.M., red.

[Distillation of salt water; distillation method using
the heat of nuclear reactors] Opresnenie solenyykh vod;
metod distillatsii s ispol'zovaniem tepla yadernyykh
reaktorov. Moskva, Atomizdat, 1965. 82 p. (MIRA 18:11)

KOBYCHEV, Boris Sergeevich; MALYAVINA, O.M., red.

[The atom quenches thirst] Atom utoliaet zhazhdu. Moskva, Atomizdat, 1965. 81 p. (LIRA 18:10)

MALYAVKIN, V.V., aspirant; MAKAROV-ZEMLYANSKIY, Ya.Ya., doktor
khimicheskikh nauk, prof.

Borates in the chemistry of polyhydroxy compounds. Nauch.
trudy MTILP no.26:27-34 '62. (MIRA 17:5)

1. Kafedra organicheskoy khimii Moskovskogo tekhnologicheskogo
instituta legkoy promyshlennosti.

MALYAVIN, P.S.

Geographical study grounds. Geog. v shkole no.3:58-59 My-Je '53.
(MLRA 6:6)
(Geography--Study and teaching)

MALYAVIN, I.S.; BAYEVA, V.S.

Ichneumon flies (Ichneumonidae, Braconidae and Chalcididae),
the parasites of some butterflies in Tajikistan. Izv. GIN.
biol. nauk AN Tadzh. SSR no. 1:84-89 '63. (MIR 17:10)

1. Institut zoologii i parazitologii im. akademika Ye.N.
Pavlovskogo AN Tadzhikskoy SSR.

LUPPOVA, Ye.P.; MALYAVIN, I.S.

Ichneumon flies of the family Ichneumonidae in southwestern
Tajikistan. Trudy AN Tadzh.SSR 115:89-95 '59. (MIRA 15:5)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR.
(Tajikistan--Ichneumon flies)

MALYAVIN, I.S.

A new species of ichneumon flies (Hymenoptera, Ichneumonidae)
from Tajikistan. Dokl. AN Tadzh. SSR 6 no.3:44-47 '63.
(MIRA 17:4)

1. Institut zoologii i parazitologii imeni akademika
Ye.N.Pavlovskogo AN Tadzhikskoy SSR. Predstavleno chlenom-
korrespondentom AN Tadzhikskoy SSR M.N.Narzikulovym.

MALYAVIN, I.I., veterinarnyy tekhnik

Causes of diseases in newborn calves. Zhivotnovodstvo 24
no.6:74-76 Je '62. (MIRA 17:3)

1. Kolkhoz "Pobeda" Petrovskogo rayona, Stavropol'skogo
kraya.

MALYAVIN, I.G.; YAKOVLEV, V.F.; NOZDREV, V.F.

Investigation of the temperature dependence of the kinematic viscosity of certain organic liquids and their saturated vapors in the critical region. Uch. zap. MOPI 92:3-21 '60. (MIRA 14:9)
(Organic compounds) (Viscosity)

PHASE I BOOK EXPLOITATION SOV/5207

Vsesoyuznaya konferentsiya professorov i predavateley pedagogicheskikh institutov Prikladnyye ultrazvukovye k isledovaniyu veshchestva (Utilization of Ultrasonics for the Investigation of Matter) Moscow, Izd. NPII, 1960. 237 p. 1,000 copies printed. (Series: Its Trudy, vyp. 11)

Ed. (title page): V.F. Mozdrev, Professor and B.B. Kalyayev, Professor.

PURPOSE: This collection of articles is intended for physicists specializing in the physics of ultrasound.

CONTENTS: The collection of articles constitutes the transactions of the VII Conference on the Applications of Ultrasonics to the Study of Materials, which was held at the Moscow Oblast Pedagogical Institute from M.K. Krugabaya. Individual articles of the collection discuss various problems in the area mentioned of ultrasound, the absorption and the propagation mechanism of ultrasonic waves in various media, the operating principles and design of generators and receivers of ultrasonic waves, the speed of sound and methods for its determination. Other articles deal with the applications of ultrasonics to investigations of the properties of materials. No personalities are mentioned. References accompany

Utilization of Ultrasonics (Cont.)

SOV/5207

- Polubenchikov, B.F., and B.B. Kalyayev [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. Propagation of Sound in Dispersive Media 165
- Kalyayev, B.L. [Moscow Oblast Pedagogical Institute]. Determination of the Speed of Ultrasound from the Periodic Variations of the Phase Relations of Two Acoustic Waves 173
- Kozlov, B.F., and B.B. Kalyayev [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. Speed of Sound in Aqueous Solutions of NaNO_3 181
- Shilovskiy, A.S., and B.B. Kalyayev [Liberal Academy Institute - Kuznetsov Institute from M.K. Krugabaya]. Investigation of Ultrasonic Waves in Three-Liquid Mixtures 191
- Kozlov, B.F., and B.B. Kalyayev [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. Application of Acoustic Measurements in the Study of Density Fluctuations in Liquids 201
- Glinitskiy, A.A. [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. Diffraction of Light on Damped Ultrasonic Waves 205
- Peresheko, I.I., and V.F. Yakovlev [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. New Method Using Interferometer to Measure Absorption of Ultrasound 213
- Shirkerich, M.G. [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. Investigation of the Speed of Propagation and Absorption of Ultrasound in Liquid Phase Methyl Alcohol Near the Critical Region 219
- Kalyayev, I.G. [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. Investigation of Temperature Dependence of Sliding and Volumetric Viscosity of Certain Organic Liquids in the Critical Region 225
- Rozin, Ya.P., and V.S. Tikhonova [Odesk'skiy politekhnicheskii institut - Odessa Polytechnic]. Device for Measuring the Intensity of an Ultrasonic Field in Conducting Liquids 233
- Peresheko, I.I., and V.F. Yakovlev [Moscow Oblast Pedagogical Institute from M.K. Krugabaya]. Relaxation Processes in Van Der Waals Gases 239
- Merkulov, I.G. [IZMIRI Im. V.I. Ulyanov (Lenin)] - Institute of Electrodynamics Institute from V.I. Ulyanov (Lenin)]. Absorption of Ultrasonic and Hyper-sonic Waves in Certain Crystals 247
- Tonolev, V.P. Lecture Notes Demonstrations With Porous Ultrasound Radiators 253
- Bulletin 265

AVAILABLE: Library of Congress (SO244.V52)

SOV/124-58-7-7806

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 71 (USSR)

AUTHOR: Malyavin, I.G.

TITLE: Investigation of the Temperature Dependence of the Viscosity to Shear of Some Organic Liquids and Their Saturated Vapors in the Critical Range (Issledovaniya temperaturnoy zavisimosti sdvigovoy vyazkosti nekotorykh organicheskikh zhidkostey i ikh nasyschennykh parov v kriticheskoy oblasti)

PERIODICAL: Uch. zap. Mosk. obl. ped. in-t, 1956, Vol 43, pp 223-241

ABSTRACT: Description of experimental investigation of the temperature dependence of the dynamic and kinematic viscosity coefficients of ethylacetate, methylacetate, and methylformiate in the critical range. The investigation was performed by two methods, namely, the method of the flow of the liquid through a capillary tube and the method of the sinking ball. A detailed description of the experimental installations, viscosity meters, and other devices is given. 1. Organic materials--Properties 2. Vapors--Properties 3. Liquids--Viscosity 4. Liquids--Mechanical N.A. Zaks properties 5. Liquids--Test methods

Card 1/1

GALANKIN, N.K.; MALYAVIN, G.T.; KRYMSKIY, L.D.; ARAPOV, A.D.

Combination of tetralogy of Fallot with other developmental anomalies. Grud. khir. 6 no.1:32-36 Ja-F '64. (MIRA 18:11)

1. Institut khirurgii imeni Vishnevskogo (dir. - deystvitel'-nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR, Moskva. Adres avtorov: Moskva, B. Serpukhovskaya ul., d.27, Institut khirurgii imeni Vishnevskogo. Submitted October 20, 1962.

GALANKIN, N.K.; MALYAVIN, G.T.

Causes of unsuccessful surgery and results of thoracotomy in
tetralogy of Fallot. Eksp. Khir. i onkol. 8 no.459-41 31-Aug
'63. (MIRA 1965)

1. Institut khirurgii imeni A.V. Vishnianskogo (direktor - depstvitel'nyy
chlen AMN SSSR prof. A.A. Vishnianskiy) AMN SSSR.

MALYAVIN, G.T.; VOLYNSKIY, Yu.D.

Clinical aspects and treatment of Fallot's tetralogy with left-right blood shunt. Grad. khir. 5 no.5:19-24 S-0 '63.

(MIRA 17:8)

1. Iz otdeleniya khirurgii serdtsa (zav. - doktor med. nauk N.K. Galankin) Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR. Adres avtorov: Moskva, Bol'shaya Serpukhovskaya ul., d.27. Institut khirurgii imeni Vishnevskogo.

GALANKIN, N.K.; MALYAVIN, G.T.; ARAPOV, A.D.

On rethoracotomy in patients with tetralogy of Fallot. Grud.khir.
5 no.1:77-81 Ja-F'63. (MIRA 16:7)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir.-desystvitel'-
nyy chlen AMN SSSR prof. A.A. Vishneskiy) AMN SSSR. Adres avtorov:
Moskva, B.Serpukhovskaya, d.27, Institut khirurgii imeni A.V. Vish-
nevskogo.

(TETRALOFY OF FALLOT) (CHEST---SURGERY)
(SURGERY--COMPLICATIONS AND SEQUELAE)

GALANKIH, N.K.; MALYAVIN, G.T.; ARANOV, A.D.; KLEMEANOVA, Ye.S.

Repeated surgery in the tetralogy of Fallot. Grud.khir. no.4:25-32
Jl-Ag '62. (MIRA 15:10)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. -
deystvitel'nyy chlen AMN SSSR prof. A.A.Vishnevskiy) AMN SSSR.
(TETRALOGY OF FALLOT)

ACC NR: AR6013652

SOURCE CODE: UR/0058/65/000/010/E007/E007

AUTHOR: Nozdrev, V. F.; Makhan'ko, I. G.; Malyavin, I. G.

TITLE: Study of the temperature dependence of the shear and second viscosities of binary mixtures of benzene and methyl alcohol over a wide temperature range including the critical region

SOURCE: Ref. zh. Fizika, Abs. 10E42

REF SOURCE: Uch. zap. Mosk. obl. ped. in-ta, v. 147, 1964, 23-26

TOPIC TAGS: fluid viscosity, fluid property, fluid friction, ultrasonic absorption, temperature dependence, benzene, methyl alcohol

TRANSLATION: An experimental study was made of the shear and second viscosities of a binary mixture at various temperatures. The shear viscosity coefficient was measured directly, while the second viscosity coefficient was calculated from the ultrasonic absorption coefficient in a liquid in terms of the shear viscosity coefficient. A characteristic of the second viscosity was observed in the critical temperature region. It is hypothesized that this is due to the decay of associated complexes close to the critical point.

SUB CODE: 20

Card 1/1

L 27682-66 EWP(j)/EWI(m)/ETC(m)-6/T IJP(c) RM/WW
ACC NR. AR6013656 SOURCE CODE: UR/0058/65/000/010/E007/E007

AUTHOR: Malyavin, I. G.

TITLE: Investigation of the temperature dependence of shear and kinematic viscosities of propylacetate in a wide range of temperatures

SOURCE: Ref. zh. Fizika, Abs. 10E51

REF SOURCE: Uch. zap. Mosk. obl. ped. in-ta, v. 147, 1964, 27-31

TOPIC TAGS: temperature dependence, viscosity, propylacetate, acetate

ABSTRACT: An experimental investigation of the temperature relationship of propylacetate viscosity in the temperature range 17.4—276C has been carried out. Viscosity hysteresis was not determined. [NT]

SUB CODE: 11, 20/ SUBM DATE: 00

Card 1/1

MALYAVIN, A.I.

Combining several professions. Put' i put. khoz. 8 no.5:
10 My '64. (MIRA 17:6)

1. Zamestitel' nachal'nika Moskovsko-Ryazanskoy distantsei puti
Moskovskoy dorogi.

MALYAVIN, A.G., kand.veter.nauk; SOLOV'YEVA, V.S., kand. veter.nauk;
SHUPLIKO, A.N., mladshiy nauchnyy sotrudnik

Specific activity of polyvalent leptospirosis vaccine.
Veterinariia 42 no.11:37-39 N '65.

(MIRA 19:1)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh
preparatov.

HEATSEIS, A.G., kond. vater. univ. (G.N.B.), i.e., Ministry of Health

Investigation and study of stained paper in medicine.
Veterinaria (2 no. 2-112-111) Ag 186. (2081 10-10)

1. Gosudarstvennyy nauchno-kontrolyy institut veterinar-
nykh preparatov.

LYUBASHENKO, S.Ya., prof.; MALYAVIN, A.G., kand. veter. nauk; ROMIN, A.V.,
kand. veter. nauk; TYUL'PANOV, N.B., kand. veter. nauk; AGANINA,
L.A., mladshiy nauchnyy sotrudnik; KAZEYEV, R.V., mladshiy nauchnyy
sotrudnik; SAVRASOV, A.S., veterinarnyy vrach [deceased]

Effectiveness of a polyvalent formolthiomersan vaccine against
paratyphoid fever and colibacillosis. Veterinariia 41 no.1:25-
28 Ja '64. (MIRA 17:3)

~~APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900013-6~~

MATYAVIN, A.G., kand. veter. nauk

Examination of Part of the Volume in 40 minutes

OGARKOV, V.I.; MAKHROV, N.F.; TSELLARIUS, I.K.; MALYAVIN, A.G., kand.
veterin. nauk; SOLOV'YEVA, V.S., nauchnyy sobraznik

Laboratory practice. Veterinariia 38 no.8:70-77 Ag '61
(MIRA 18:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'-
noy veterinarii (for TSELLARIUS). 2. Gosudarstvennyy nauchno-
kontrol'nyy institut veterinarnykh preparatov Ministerstva
sel'skogo khozyaystva SSSR (for Malyavin, Solov'yeva).

MALYAVIN, A.G., kand.veter.nauk

Effectiveness of a biological preparation of vitamin B₁₂
(propionic-acidophilic broth, PABK). Veterinariia 37 no.1:50-52
Ja '60. (MIRA 16:6)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh
preparatov.
(Cyanocobalamine) (Tissue extracts)

MALYAVIN, A.G.; Primalni uchastiye: ROMIN, A.V.; SAVICH, B.M.; STEL'MAKH,
A.A.; SHUL'GIN, O.N.; YAKOVLEV, A.S.

Therapeutic effectiveness of furazolidon F-60. Zhur. mikrobiol. epid.
i immun. 31 no.7:48-52 J1 '60. (MIRA 13:9)

1. Iz Gosudarstvennogo nauchno-kontrol'nogo instituta veterinarnykh
preparatov Ministerstva sel'skogo khozyaystva SSSR.
(FURAZOLIDONE) (FURANS)

MALYAVIN, A.G., kand. vet. nauk

Therapeutic effect of furazolidon F-60. Veterinariia 36 no.12:45-47
D '59. (MIRA 13:3)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov.
(Nitrofurazone)

MALYAVIN, A.G., kand.vet.nauk

Specific prophylaxis of paratyphoid fever in calves. Veterinariia
36 no.1:44-47 Ja '59. (MIRA 12:1)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh
preparatov Ministerstva sel'skogo khozyaystva SSSR.
(Paratyphoid fever) (Calves---Diseases and pests)

USSR / Diseases of Farm Animals. Diseases Caused By R
Bacteria and Fungi

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74184

Author : Malyavin, A. G.

Inst : State Scientific-Inspection Institute of Veteri-
nary Drugs

Title : On Specific Prophylaxis of Coli-Paratyphoid
Disease in Calves

Orig Pub: Tr. Gos. nauchno-kontrol'n. in-ta vet. preparatov,
1957, 7, 242-254

Abstract: The author notes that in control of calf diseases,
major attention must be directed to improvement
of their care and feeding. Of the specific control
agents for paratyphoid, vaccine prepared in fer-

Card 1/2

MALYAVIN, A.G., kandidat veterinarnykh nauk.

Polyvalent biopreparations in the prophylaxis and therapy of
diseases in young domestic animals. Trudy Gos.nauch.-kont.inst.
vet.prep. 4:302-313 '53. (MLRA 7:10)
(Vaccines) (Veterinary medicine)

MALYATSKIY, L.

"Geography of Vologda Province" by IU.D. Dmitrevskii. Reviewed
by L. Maliatskii. Geog. v shkole 25 no.3:90-92 My-Je '62.
(MIRA 15:7)

(Vologda Province—Geography)
(Dmitrevskii, IU.D.)

GRUZINSKAYA, V.; MALYATSKIY, L.; RAYEVA, Yu.; SHARETS, D.; YAKOVLEV, G.

A new geography draft program for the eight-year school. Geog.
v shkole 22 no.4:1-7 J1-Ag '59. (MIRA 12:11)
(Geography--Study and teaching)

MALYATSKAYA, M. Y. and ANICHKOV, N. N.

Ueber die Speichervorgange von Vitalfarbstoff in der Darmwand. Zeitschr. für Zellforschung und mikroskopische Anatomie, 18, 1/2, 110-130, 1933.

MALYASOVA, Ye.S.; USIKOVA, T.V.

New data on the interstadial sediments of the Leningrad region.
Dokl. AN SSSR 161 no.6:1383-1390, Apr '66.

1. Geograficheskii nauchno-issledovatel'skiy institut leeningradskogo gosudarstvennogo universiteta im. A.I. Odobova, Leningrad.

MALYASOVA, Ye. S.

Cand Geog Sci - (diss) "Sporo-pollinic complexes of the quaternary deposits of the Kol'skiy peninsula, Karelia, and the Karel'skiy isthmus, and their stratigraphic significance." Leningrad, 1961. (Ministry of Education RSFSR, Leningrad State Pedagogical Institute imeni A. I. Gertsen, Chair of Physical Geography); 150 copies; price not given; (KL, 6-61 sup, 201)

MALYASOVA, Ye.S.

BOYTSOVA, Ye.P.; GLADKOVA, A.N.; ZAUVER, V.V.; KRUCHININA, N.V.;
MALYASOVA, Ye.S.; MOREVA, V.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.:
~~SEDOVA, M.A.~~; SIGOVA, N.N.; POKROVSKAYA, I.M., redaktor; PERLIN, S.S.
redaktor izdatel'stva. GUROVA, O.A., tekhnicheskii redaktor.

[Atlas of Miocene spore and pollen complexes of various regions of
the U.S.S.R.] Atlas miotsenovykh sporove-pyl'tsevykh kompleksov
razlichnykh raionov SSSR. Moskva, Gos.nauch.tekn.izd-vo lit-ry po
geol. i okhr.nedr, 1956. 460 p. (Leningrad, Vsesoiuznyi geologicheskii
institut. Materialy, no.13) (MIRA 10:1)
(Spores (Betany), Fossil) (Pellen, Fossil)

MALYASOVA, Ye. S.

AGRANOVSKAYA, I.A.; ASATKINA, Ye.F.; BOYTISOVA, Ye.P.; BOCHARNIKOVA, A.D.;
BOYTSEL', Z.A.; IVANOVA, Ye.A.; KALASHNIKOVA, V.A.; KLIMKO, S.A.;
KRUCHININA, N.V.; MALYASOVA, Ye.S.; MARKOVA, L.G.; MARTYNOVA, Z.I.;
POKROVSKAYA, I.M.; POLUKHINA, V.A.; ROMANOVSKAYA, G.M.; SAMIGULINA,
Ye.P.; SEDOVA, M.A.; SIGOVA, N.N.; STEL'MAK, N.K.; PERLIN, S.S., re-
daktor izdatel'stva; GUROVA, O.A., tekhnicheskiiy redaktor.

[Atlas of Oligocene spore and pollen complexes in various regions of
the U.S.S.R.] Atlas oligotsenovykh sporevo-pyl'tsevykh kompleksov
razlichnykh raionov SSSR. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po gologii i okhrane neдр. 1956. 312 p. (Leningrad, Vsesoiuznyi
geologicheskii institut. Materialy, no.16) (MLRA 10:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiiy institut
Ministerstva geologii i okhrany neдр SSSR. (for Asatkina, Boytsova,
Kalashnikova, Kruchinina, Pokrovskaya, Romanovskaya, Sedova, Stel'-
mak).
 2. Yuzhno-Ural'skoye geologicheskoye upravleniye (for Sigova)
 3. Ural'skoye geologicheskoye upravleniye (for Agranovskaya, Bocharni-
kova, Martynova, Polukhina, Samigulina).
 4. Treст "Zapsibneftegeologiya"
(for Boytsel', Ivanova, Klimko, Markova).
 5. Geograficheskiiy fakul'tet
Leningradskogo gosudarstvennogo universiteta (for Malyasova)
- (Pollen, Fossil) (Spores (Botany), Fossil)

MALYASOVA, YE. S. and POKROVSKAYA, J. M.

"History of the Development of Flora in the Last Interglacial Age in the Territory of Leningrad Oblast"
Nauchnaya sessiya 1952-1953 gg (LSU): Tematy dokl. po sektsiii geogr. nauk, 20-23

Report in the section of geographical sciences for the 1952-1953 scientific session of Leningrad State University. (RZhGeol, No 3, 1954)

SO: W-31187, 8 Mar 55

MAL'YASOVA, R. P.

phys 3

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
General and Physical Chemistry

Theory of crystal lattices of the NaTl type. V. A. Zhdanov and R. P. Mal'Yasova (V. V. Kuibyshev State Univ., Tomsk). *Zhur. Fiz. Khim.* 27, 210-16 (1953); cf. *C.A.* 47, 9384. — The possibility of stable NaTl-type lattices was investigated by math. detn. of the conditions under which the lattice energy, considered as a function of unit-cell and internal displacement parameters, is a min. Conclusions are given in equations and graphs. LiIn, LiCd, LiZn, LiGa, NaTl, and NaIn are discussed. In a stable lattice the bond energies must decrease in the order AB, AA, BB. The formation of the NaTl-type lattice can be explained without assuming any change in character of the bonding forces.

J. W. Lowenberg, Jr.

[Handwritten signature]

Vacantochromatography

S/032/63/029/001/001/022
B101/B186

lated from the ratio between the peaks of the gaseous impurities in He and the peak of the butane vacancy. Vacantochromatography is particularly recommended for the analysis of low-boiling impurities. The direct use of a flame ionization detector is possible when analyzing noncombustible substances. There are 7 figures and 2 tables.

ASSOCIATION: Institut yadernoy geofiziki i geokhimii (Institute of Nuclear Geophysics and Geochemistry)

S/032/63/029/001/001/022
B101/B186

AUTHORS: Zhukhovitskiy, A. A., Turkel'taub, N. M., Gayer, M.,
Lagashkina, M. N., Malyasova, L. A., and Shlepuzhnikova, G.P.

TITLE: Vacantochromatography

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 1, 1963, 8 - 13

TEXT: A variant of chromatography is suggested in which the mixture to be separated flows continuously through the column and the carrier gas is added in portions. The rules governing the motion of bands in conventional chromatography apply also to the resulting "vacancies" (places containing no substance to be absorbed). Examples of vacantochromatograms are given for hydrocarbon mixtures where the "vacancies" were produced by addition of 0.6 cm^3 air. The asymmetry of peaks is less when using the suggested method than in the usual adsorption chromatography. The area of the "vacancy" peak is proportional to the volume of the carrier gas added. The sensitivity can be increased by moving a temperature field against the flow. Another variant is the addition of carrier gas with a verifying agent, e.g. butane. The impurity concentration can be calculated.
Card 1/2

MACTASOV, A. D.

101-58-2-7/8

AUTHORS: Pochivalov, V.P.; Malyanov, A.D.; Botnikov, A.G. (Volkhov Plant)

TITLE: Reconstruction of Rotary Cement Kilns at the Volkhov Aluminum Plant (Rekonstruktsiya vrashchayushchikhsya tsementnykh pechey na Volkhovskom alyuminiyevom zavode)

PERIODICAL: Tsement, 1958, Nr 2, pp 27-30 (USSR)

ABSTRACT: The article provides information on the method recently applied for the reconstruction of rotary cement kilns by enlarging them from 3.0/2.7/3.0 x 127.5 m to 3.6/3.0/3.6 x 127.5 m. The reconstruction work was carried out by the Leningrad machine building plants. The time required for rebuilding two kilns was 28 and 21.5 days respectively. As the kilns had to be taken apart for reconstruction outside the building, many technical problems had to be solved, such as the use of railroad cranes on specially built tracks, the lowering and raising of pillars, the reinstallation of the rebuilt kilns, etc. When put into operation, each of the reconstructed kilns reached an output of 25 tons of clinkers per hour. There are 4 figures.

ASSOCIATION: Volkhovskiy alyuminiyevyy zavod (Volkhov Aluminum Plant)

AVAILABLE: Library of Congress

Card 1/1 1. Cement-Production 2. Rotary cement kilns-Construction

SAVVATEYEVA, Z.V., kand.tekhn.nauk; KORCHAGINA, R.N., inzh.; SMIRNOVA, L.G.,
inzh.; MALYARSKAYA, V.F., inzh.

Technology of the manufacture of the new type of glued glove fabrics.
Nauch.-issl.trudy VNIITP no.4:167-194 '63. (MIRA 17:4)

Supply circuits for high pressure boilers equipped with steam washing devices. (Cont.) 104-4-5/40

3/3 Heating of the chemically purified water supplied separately directly in the water volume of the boiler drum will depend on the special features of the thermal circuit of each particular station. It is also necessary to develop the question of maintaining the condition of purely phosphate alkalinity of boiler water.

There are 3 tables and 2 Slavic references.

AVAILABLE:

Supply circuits for high pressure boilers equipped with steam washing devices. (Cont.) 104-4-5/40

stage boilers (type NK-14 with stepwise evaporation) with a mixture of condensate and purified feed water from which the silica had been removed was fully justified. With this method of operation part of the evaporator installation working on reduced steam became unnecessary and the efficiency of the power station was improved. Operational tests and tests with separate supply to the boilers type NK-14 show that it is possible to produce steam with a content of 0.02 mg/l SiO_2 . The boiler can then operate on boiler water containing salt and silica concentrations 2 - 3 times higher than when separate feed is not used, and blow down is reduced. The circuit of separate supply for high pressure boilers equipped with steam washing and stepwise evaporation may be applied in power stations using large additions of purified water from which the silica has been removed and also in those using smaller additions of purified water (if the silica is not removed) when the silica content of the purified water is 5 - 10 mg/litre SiO_2 . It is then unnecessary to use evaporator installations. For separate supply it is necessary to install feed pumps with an output of $100 \text{ m}^3/\text{hour}$ at a pressure that depends on the boiler pressure.

AUTHOR: Malyarshchikova G.V., and Ukhin, B.N., 104-4-5/40
TITLE: Supply circuits for high pressure boilers equipped with steam washing devices. (O skhemakh pitaniya kotlov vysokogo davleniya oborudovannykh paropromyvochnymi ustroystvami)
PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957, Vol. 28, No4, pp. 16 - 18 (U.S.S.R.)

ABSTRACT: In the first years of operation of a power station there was great difficulty in producing steam of satisfactory quality. This restricted the output of the boilers and silica deposits were formed on the flow parts of the turbines so that they often had to be cleaned. During 1952 - 1955, bubbling devices for washing steam with feed water, in a manner which has been described in the literature, were designed, erected and tested on all types of boiler installed in the power station. This article describes the results of the tests which are presented in the form of tables. The installation of steam washing, combined with the removal of silica from the purified feed water resulted in considerable improvement in the quality of the steam, silica deposits in the turbines were reduced and thermal losses were smaller. The method of feeding the first stage boilers (type Π K-10 without stepwise evaporation) with condensate and the second

BALUDA, Viktor Petrovich; MALYAROVSKIY, Vyacheslav Nikolayevich; GYVIN,
Isidor Abramovich; RUTBERG, R.A., red.; LYUDKOVSKAYA, N.I.,
tekhn. red.

--
[Laboratory methods for studying the blood coagulating system]
Laboratornye metody issledovaniia svertyvaiushchei sistemy kro-
vi. Moskva, Medgiz, 1962. 187 p. (MIRA 16:1)
(BLOOD--COAGULATION)

MALYAROVSKIY, V.N.

Changes in the blood coagulation system during the development and course of myocardial infarct. Sov. med. 25 no.8:29-33 Ag '61.
(MIRA 15:1)

1. Iz kafedry fakul'tetskoy terapii (zav. - dotsent N.D.Sabel'nikov)
i kafedry patofiziologii (zav. - prof. I.A.Oyvin) Kubanskogo
meditsinskogo instituta.

(HEART--INFARCTION)

(BLOOD--COAGULATION)

MALYAROVSKIY, V.N.

Influence of dicoumarin on some indexes of blood circulation in the treatment of myocardial infarct. Kaz. med. zhur. no.6:59-60 N-D '60.
(MIRA 13:12)

1. Kafedry fakul'tetskoy terapii (zav. - dotsent N.D. Sabel'nikov [deceased]) i patofiziologii (zav. - prof. I.A. Oyvin) Kubanskogo meditsinskogo instituta.

(COUMARIN)

(HEART—INFARCTION)

(BLOOD—CIRCULATION)

MALYAROVSKAYA, O.Ya. [Maliarevs'ka, O.IA.]

Seasonal variations in the nitrogen metabolism of yearling gray
mulletts (*Mugil auratus* Risso) in Sivash. Pratsi Inst. girdobiol.
AN URSR no.35:82-91 '60. (MIRA 14:4)
(Sivash--Gray mullets) (Nitrogen metabolism)

Periodical : Izv. AN SSSR. Otd. khim. nauk 6, 958-965, Nov-Dec 1954

Card 2/2 Pub. AC - 2/27

Abstract : The ratio between the activation energies of primary and secondary oxidation reactions makes it impossible to increase the aldehyde content in the reaction products by changing the reaction temperature and the concentration of the reacting substances. Seven references: 6 USSR and 1 English (1934-1954). Tables, graphs.

MALYAROVA, E. P.

USSR/Chemistry - General chemistry

Card 1/2 Pub. 40 - 2/27

Authors : Margolis, L. Ya.; Malyarova, E. P.; and Roginskiy, S. Z.

Title : The kinetics of oxidation of simple unsaturated hydrocarbons over V-contacts

Periodical : Izv. AN SSSR. Otd. khim. nauk 6, 958-965, Nov-Dec 1954

Abstract : The order of formation of aldehydes, carbon monoxide and carbon dioxide during the oxidation of propylene over vanadium contacts is described. The reaction activation energies necessary for the formation of aldehydes, CO and CO₂ from simple unsaturated hydrocarbons were determined. The kinetics of decomposition and oxidation of acetaldehyde over V contacts was investigated and the activation energy of these reactions was established.

Institution : Acad. of Scs. USSR, Institute of Physical Chemistry

Submitted : July 24, 1954

ZHUKHOVATSKIY, A.R.; MALASOVA, L.A.; TURKUL'TAUL, R.M.

Analysis of unresolved peaks with similar retention times; iterative chromatography. Neftskhimiya 2 no.6:831-836 N-D '62. (CHRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut yadernoy geofiziki i geokhimi.

ZHUKHCVITSKIY, A.A.; TURKEL'TAUB, M.M.; MAL'YASOVA, L.A.

Simultaneous chromatographic determination of the composition
of two mixtures. Neftekhimiia 4 no.2:337-339 Mr-Apr'64
(MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut yadernoy
geofiziki i geokhimi.

TIZDEL', R.R.; KARPYSHEV, Ye.S.; MOLOKOV, L.A.; KONYAROVA, L.P.;
PESTOVSKIY, K.N.; ZENKOV, M.V.; KIRICHENKO, N.I.; NEYSHTADT,
L.I.; ~~MALYAROVA, I.Ye.~~; PIRTSKHALAYSHVILI, G.P.; KALMYKOVA,
N.I.; BELYY, L.D., doktor geol.-miner. nauk; BOROVOY, A.A.,
red.; GOTMAN, T.P., red.; LARIONOV, G.Ye., tekhn. red.

[Geology and dams]Geologiya i plotiny. Pod obshehei red. A.A.
Borovogo. Moskva, Gosenergoizdat, (Its Materialy po proektiro-
vaniu gidroenergeticheskikh uzlov. Seriya 2: Izyskaniia)
Vol.2. 1962. 151 p. (MIRA 15:9)

1. Moscow. Vsesoyuznyy gosudarstvennyy proyektnyy institut
"Gidroenergoproekt." 2. Vsesoyuznyy gosudarstvennyy proyekt-
nyy institut , Moscow (for all except Borovoy, Gotman,
Larionov).

(Geology) (Dams)

MALYAROVA, G.V.; MARTYNKEVICH, G.M.

Using a molecular system of flow for studying factors having an influence on the accuracy of the analysis of neutral components of the atmosphere by the mass-spectrometry method. Trudy TSAO no.61: 50-54 '65. (MIRA 18:7)

ACCESSION NR: AP4039623

ENCLOSURE: 01

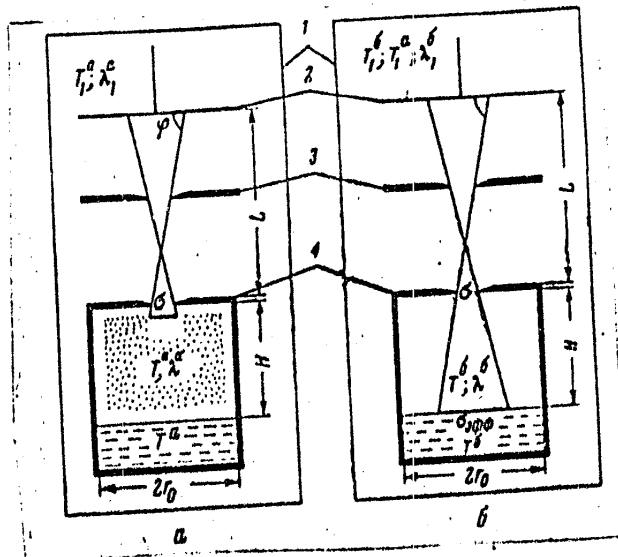


Figure 1

ACCESSION NR: AP4039623

SUBMITTED: 26Mar63

ENCL: 01

SUB CODE: ME

NR REF SOV: 019

OTHER: 013

Card 4/5

ACCESSION NR: AP4039623

where Kn_1^a , Kn^a are the Knudsen numbers outside and inside the effusion chamber; σ the radius of the effusion aperture; $\Lambda = H^2 + (2g_0)^2$; $\Lambda_1^a = (L + H)/\cos\varphi$; λ_1^a , λ^a the mean length of the free path outside and inside the chamber; Σ the evaporating surface of the specimen; for the rest see Fig. 1, a. In the case of Fig. 1, b (enclosure), another formula has to be applied. The amount of vapor leaving through the opening depends essentially upon the geometry of the cell and the vaporization coefficient, i. e. under the conditions of Fig. 1, b the Langmuir method would apply; a small 'a' will lower the sensitivity. The difference between $Kn^a \ll 1$ and $Kn \gg 1$ has not been considered in the earlier work. The Rossmann-Yarwood method of determining the condensation coefficient α' , if (4) is met, permits only qualitative consideration of equilibrium deviation in the effusion chamber, since the error with this method is so great. The best quantitative determination may be obtained by combining the Langmuir and the Knudsen method for a more precise determination of α' . Orig. art. has; 2 figures, 1 table and 11 formulas.

ASSOCIATION: Tzentral'naya aerologicheskaya observatoriya (Central Aerological Observatory)

Card 3/5

ACCESSION NR: AP4039623

where Q is the gas or vapor quantity in g escaping from the aperture
 $\pi a^2 = \sigma$ per time τ ; p_p the equilibrium pressure in the chamber volume; m the
 mass of particles under study; k the Boltzmann constant; T_a absolute temperature,
 is applicable only under effusion conditions shown in Fig. 1, a (enclosure)
 under the assumption that there is an absence of a density gradient in the
 immediate neighborhood of the effusion aperture, such that

$$Kn_1 = \frac{\lambda_1}{\Lambda_1} > 1, \quad (2)$$

$$2a < \lambda^*, \quad (3)$$

$$Kn^* = \frac{\lambda^*}{\Lambda} < 1, \quad (4)$$

$$\frac{\sigma}{\Sigma} < 1, \quad (5)$$

ACCESSION NR: AP4039623

S/0076/64/038/005/1283/1287

AUTHORS: Marty*nkevich, G. M.; Malyarova, G. V.

TITLE: The Knudsen number interval in measurements by the effusion method

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 5, 1964, 1283-1287

TOPIC TAGS: Knudsen method, vapor pressure measurement, effusion condition, effusion aperture, effusion chamber geometry, vaporization coefficient, condensation coefficient, Rossman Yarwood method, Langmuir method, vapor equilibrium, vapor density

ABSTRACT: Despite the number of papers devoted to this method, the measuring of vapor pressure requires further discussion. The Knudsen equation

$$Q^{(1)} = p_v \left(\frac{m}{2\pi k T^a} \right)^{1/2} \sigma \tau, \quad (1)$$

The influence of irradiating indium ...

S/020/63/149/004/010/025
B104/B186

is the same for the irradiated and non-irradiated samples: i increases with temperature. But under the same conditions, i is 10^{-2} for the irradiated samples and $3 \cdot 10^{-4}$ for the non-irradiated samples. The effects produced by irradiation remain for a long time. The bond energy of the dimer is 1.3 ± 0.6 ev. There are 2 figures.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova,
(Moscow State University imeni M. V. Lomonosov);
Tsentral'naya aerologicheskaya observatoriya (Central
Aerological Observatory)

PRESENTED: September 28, 1962, by Kondrat'yev, Academician

SUBMITTED: September 24, 1962

Card 2/2

S/020/63/149/004/010/025
B104/B186

AUTHORS: Shvidkovskiy, Ye. G., Martynkevich, G. M., Malyarova, G. V.

TITLE: The influence of irradiating indium with thermal neutrons on the molecular composition of its vapor

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 149, no. 4, 1963, 816 - 817

TEXT: The vapor of liquid indium which was irradiated in the solid state by thermal neutrons was investigated by means of a mass-spectrometer. Three indium samples having thicknesses between 40-50 μ were irradiated with an integral neutron flux of 10^{12} - 10^{14} n/cm²; the results were compared with those obtained from non-irradiated layers. The indium was evaporated from the free surface of the molten samples. The ion currents I_2 of the dimer and ion current I_1 of the monomer and their ratio $i = I_2/I_1$ were determined as functions of temperature (773 - 1373°K; m.p. of indium: 429.4°K). The temperature dependence of i Carä 1/2

MALYAROVA, A.G., inzh.

Maintenance of temperature seams in cement-concrete pavements.
Avt. dor. 28 no.2:11-12 F '65. (MIRA 18:6)

MAIYAROVA, A.G., inzh.; KOL'TSOVA, K.I., teknik

Surface treatment of cement-concrete pavements. Art. dor.
27 no.9:4-5 S '64. (MIRA 17:11)

MALYAEV, Ya.

Stock and Stockbreeding

Inventory and verifying the presence of cattle on livestock farms. Kolk. prizv. l.
No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

ZAK, G.M.; AGAFONOV, Ye.A.; MALYAROV, V.Z.; TIMOKHINA, V., redaktor;
NATAPOV, M., tekhnicheskii redaktor

[Metalceramics in the manufacture of metal parts for consumer
products] Metallokeramika v proizvodstve metallicheskih izdelii
shirokogo potrebleniia. Moskva, Vses. kooperativnoe izd-vo, 1956.
53 p. (MLRA 10:2)

(Powder metallurgy)

VINOGRADOV, P.V., nauchnyy sotrudnik; MALYAROV, V.Ye., agronom

In the Sal Steppes. Zashch.rast.ot vred. 1 bol. 3 no.6:25-26
N-D ' 58. (MIRA 11:12)

1. Zernogradskaya gosselekstantsiya (for Vinogradov). 2. Kolkhoz
imeni Stalina, Sal'skogo rayona, Rostovskoy oblasti (for Malyarov).
(Sal Steppe--Agricultural pests)

21(1)

PHASE I BOOK EXPLOITATION

SOV/2211

Malyarov, Vladimir Vladimirovich

Osnovy teorii atomnogo yadra (Fundamental Theory of the Atomic Nucleus)
Moscow, Fizmatgiz, 1959. 471 p. Errata slip inserted. 18,000 copies printed.

Ed.: V. I. Rydrik; Tech. Ed.: S.S. Gavrilov.

PURPOSE: This textbook is intended for students in higher educational institutions of physics and technology.

COVERAGE: This book is based on lectures delivered by the author at the Physics and Mathematics Department of the Odesskiy gosudarstvennyy universitet imeni I.I. Mechnikova (Odessa State University imeni I.I. Mechnikov). The text incorporates all the main divisions of theoretical nuclear physics, including the latest developments in the field. Each chapter is accompanied by a bibliography of Soviet and other sources.

TABLE OF CONTENTS:

Preface
Card 1/6

On the Report by F.S. Los' on "The Phase of a Scattered Wave" 56-34-4-58/50

hitherto been published is of no value for the theory of scattering and is only liable to mislead readers. There are 2 references, 2 of which are Soviet.

SUBMITTED: December 16, 1957

1. Wave scattering theory

Card 2/2

56-344-58/60

AUTHOR: Malyarov, V.V.

TITLE: On the Report by F.S. Los' on "The Phase of a Scattered Wave"
(Po porodu zametki F.S. Losya "O faze rassyannoy volny")

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki. 1958. Vol. 34.
Nr 4. pp. 1039-1040 (USSR)

ABSTRACT: F.S. Los' investigates the equation

$$\frac{d^2 G}{d\zeta^2} + \left[1 - \frac{\ell(\ell+1)}{\zeta^2} - U(\zeta) \right] G = 0$$
 and declares that a solution of this equation must be found which is represented in the case of $\zeta \rightarrow 0$ in the form $G = A\zeta^{1+i}$, and which in the case of high values of ζ has the asymptotic form $G = \text{const.} \sin(\zeta - \pi/2 + \delta) : \delta = \text{const.}$ According to V.V. Malyarov's opinion the above mentioned asymptotic form cannot exist if the condition $\int_0^\infty U(\zeta) d\zeta < \infty$ for $\zeta \rightarrow \infty$ is satisfied. The author then makes some additional remarks about the expressions obtained by F.S. Los' for $\delta(\zeta)$ and $A(\zeta)$ in the case of $\zeta \rightarrow 0$. Thus the report made by F.S. Los' in the form in which it has

Card 1/2

1ST AND 2ND GROUPE										PROCESSES AND PROPERTIES INDEX										3RD AND 4TH GROUPE									
CA MALYAROV, V.V. Scattering of α-particles by light nuclei. V. V. Malyarov. <i>J. Phys. (U. S. S. R.)</i> 2, 75-80(1940) (in English). Theoretical. It is shown that the exptl. data on the scattering of α-particles in He^4 and C^{12} can be explained if one assumes the existence of compd. systems in 2 excited states. Frank Gonet																													
Industrial Inst, Odessa ASB-51A METALLURGICAL LITERATURE CLASSIFICATION																													

MALYAROV, V. V.

"Possible Deviation From Coulomb Scattering".
Nauch Zap. Odessk. Politekhn. in-ta, 3, pp 3-7, 1954

Elastic scattering at collisions is analyzed in the case of two charged particles whose short distance interaction differs from Coulomb interaction. The relation $R_L + [(\psi + D_L \psi_L / \psi)]^2$ is analyzed. Here ψ is a function expressing motion in a Coulomb field, D_L is the coefficient of deviation from Coulomb scattering for the L -th partial wave ψ_L . The amplitude of the scattered wave is represented as $C_L = -\cos^4 \theta \cdot e \exp i \delta_L$ and the extreme value of R in function of θ is sought for a specified velocity and scattering angle. P. Venzel (Z. Phys., 90, 754, 1934) suggested to characterize the anomalous scattering by the ratio of the maximum value R_L to the velocity of colliding particles i. e., maximum curves. The author remarks that R_L in function of θ may also have minimum values and suggests the plotting of minimum curves. (RZhFiz, No 10, 1955)

SO: Sum No #12, 6 Feb 1956

MALYAROV, V.; ZAK, G.; AGAFONOV, Ye.

~~SECRET~~
Powder metallurgy. Prom.koop. no.6:19-22 Je'55. (ML2A 8:11)

1. Glavnyy inzhener arteli "8-ya mekhanicheskaya" Nauchno-issledovatel'skogo instituta mashinostroyeniya (for Malyarov) 2. Nachal'nik eksperimental'nogo tsekha (for Zak) 3. Nachal'nik tsekha poroshkovoy metallurgii (for Agafonov)
(Powder metallurgy)

PA 233T61

MALYAROV, P. P.

USSR/Metallurgy - Bronze, Melting

Jul 52

"Loss of Elements in Melting Low-Tin Bronze," M.A.
Druyan, P.P. Malyarov, Engr

"Litey Proizvod" No 7, pp 24, 25

Establishes that oxidation of Cu, St, and Pb in presence of Zn is low and practically may be ignored during calcn of charge. Oxidation of Zn can be prevented by addn of finely divided charge and small chips into molten metal; loss of Zn due to evapn must be decreased by use of covering fluxes. Oxidation of Fe during melting of bronze, being a factor established by prolonged practice, permits use of nonferrous metals scrap containing Fe.

233T61

GORETSKAYA, Z.D.; BARANOVSKIY, Yu.V.; BERLINER, M.S.; BRAKHMAN, L.A.;
KUZNETSOVA, M.I.; MALYAROV, L.N.; CHUYAN, K.I.; DOBRUSINA, Ye.M.;
LEONT'YEV, I.B.; MARTYNOV, B.P.; ROSLYAKOVA, S.V.; RUGAYEVA,
V.A.. Prinimal uchastiye DMITRIYEV, I.P.. STRUZHESTRAKH, Ye.I.,
inzh., red.; EL'KIND, V.D., tekhn.red.

[General engineering norms for cutting operations and time for
broaching] Obshchemashinostroitel'nye normativy rezhimov rezaniia
i vremeni na protiazhnye raboty. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1959. 73 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye
byuro promyshlennykh normativov po trudu. 2. Rabotniki Nauchno-
issledovatel'skogo instituta tekhnologii avtomobil'noy promyshlennosti
(NIITavtoprom) (for all, except Struzhestрах, El'kind).
(Broaching machines)

32-7-48/49

AUTHOR Malyarov K.M., Nikitina Ye.I., 32-7-48/49
TITLE The Accelerated Semimicrochemical Methods of Analyzing Metals and Alloys, by Nikitina, Ye. I.
 (Uskorennyye polumikrokhimicheskiye metody analiza metallov i spavov. Ye. I. Nikitina)
PERIODICAL Zavodskaya Laboratoriia, 1957, Vol 23, Nr 7, pp 887-887 (U.S.S.R.)
ABSTRACT The book consists of 4 parts. The first part describes the working processes, and the manner in which samples are taken for quantitative microanalyses, and possible errors committed are described. The remaining three parts of the book contain a detailed description of suitable preparations for qualitative microdeterminations and quantitative semimicrodeterminations. All parts of the book are arranged according to one and the same plan: qualitative analysis is carried out by microchemical and quantitative analysis by semimicrochemical methods. Some of the material is the result of the research work carried out by the authoress, as e.g. the qualitative method of analyzing aluminum- and magnesium alloys, testing of metal coatings, etc. As a qualitative analysis the microcrystalloscopic method is preferred. This method is illustrated by a micropicture of the crystals. What is missing in the book is, however, above all, the titration description by trilon "B". The book is recommended for the analysis of special alloys.
ASSOCIATION Moskovskiy gosudavstvennyy universitet
AVAILABLE Library of Congress.
 Card 1/1

MALYAROV, K.L.

DECEASED
c1961

1962/4

SEE ILC

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CHEMISTRY

MIKHAYLOV, V.G., doktor tekhn.nauk; KRAPIVIN, M.G., kand.tekhn.nauk;
KARYUK, G.G., kand.tekhn.nauk; KOZHENTSEV, Yu.T., aspirant;
GARASHCHENKO, P.A., aspirant; MALYAROV, G.P., aspirant;
KOGAN, K.B., inzh.; SUKACH, V.D., inzh.; TKACHENKO, V.A., inzh.;
LINENKO, Yu.P., inzh.; MOZNAIM, G.I., inzh.; MARTYSENKO, I.A., inzh.

Cutting tool for the cutter loader. Ugol' Ukr. 6
no.8:37-39 Ag '62. (MIRA 15:11)
(Coal mining machinery)

ACC NR: AP7004769

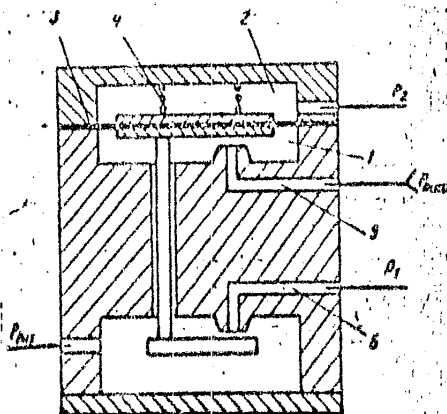


Fig. 1. Pneumatic trigger

1, 2 - Chambers; 3 - diaphragm;
4 - spring; 5, 6 - nozzles.

two chambers. Two nozzles (feed pressure nozzle and memory pressure nozzle) and a vent which triggers output are located in one chamber, and the other is connected to the pressure control. Orig. art has: 1 figure [WP]

SUB CODE: 13,09/SUBM DATE: 02Nov65/ ATD PRESS: 5115

Card 2/2

ACC NR: AP7004769

SOURCE CODE: UR/0413/67/000/001/0084/0085

INVENTOR: Agadzhanyan, S.G.; Golovin, V.V.; Golovina, L.I.; Malyarov, G.F.

ORG: none

TITLE: Pneumatic trigger with separate inputs. Class 42, No. 190057

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 84-85

TOPIC TAGS: pneumatic control, trigger circuit

ABSTRACT:

An Author Certificate has been issued for a pneumatic trigger with separate inputs (see Fig. 1). To reduce dimensions and to increase speed of response, a spring-tensioned diaphragm with a rigidly fastened flapper force

Card 1/2

UDC: 681.142.07-525:621.374.

MALYAROV, G.A. [deceased]; SOROKOUMOVA, T.I.; STEPANOV, L.P.;
STUL'GINSKAYA, I.A.

Calibration liquids for the control test of viscosimeters.
Trudy inst. Kom. stand., mer i izm. prib. no.68:86-99 '63.
(MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii
im. D.I. Mendeleyeva.